antibodies -online.com







anti-Galanin antibody (Middle Region)



Images



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Quantity:	0.4 mL
Target:	Galanin (GAL)
Binding Specificity:	AA 55-86, Middle Region
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Galanin antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Enzyme Immunoassay (EIA), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide between 55-86 amino acids from the Central region of human GAL
Isotype:	Ig Fraction
Specificity:	This antibody recognizes Human Galanin (Center).
Purification:	Protein A column, followed by peptide affinity purification

Target Details

Target:	Galanin (GAL)
Alternative Name:	Galanin (GAL Products)

Target Details

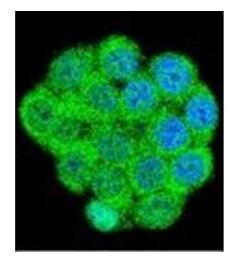
Storage:

Storage Comment:

4 °C/-20 °C

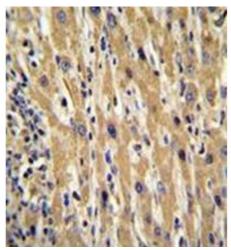
Background:	Galanin is small neuropeptide that functions as a cellular messenger within the central and peripheral nervous systems, modulating diverse physiologic functions (Mechenthaler, 2008 [PubMed 18500643]). Synonyms: GAL, GAL1, GALN, GLNN, Galanin	
Molecular Weight:	13302 Da	
Gene ID:	51083	
NCBI Accession:	NP_057057	
Pathways:	Regulation of Hormone Metabolic Process, Feeding Behaviour	
Application Details		
Application Notes:	Optimal working dilution should be determined by the investigator.	
Restrictions:	For Research Use only	
Handling		
Format:	Liquid	
Concentration:	0.25 mg/mL	
Buffer:	PBS containing 0.09 % (W/V) Sodium Azide as preservative	
Preservative:	Sodium azide	
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.	
Handling Advice:	Avoid repeated freezing and thawing.	

Store undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.



Immunofluorescence

Image 1. Confocal immunofluorescent analysis of Galanin Antibody (Center) Cat.-No AP51760PU-N with 293 cell followed by Alexa Fluor 488-conjugated goat anti-rabbit IgG (green). DAPI was used to stain the cell nuclear (blue).



Immunohistochemistry (Paraffin-embedded Sections)

Image 2. Immunohistochemistry analysis in formalin fixed and paraffin embedded human hepatocarcinoma reacted with Galanin Antibody (Center) followed by peroxidase conjugation of the secondary antibody and DAB staining.

K	K562	
72 55 36 28	-	
17		
11		

Western Blotting

Image 3. Western blot analysis of Galanin Antibody (Center) in K562 cell line lysates (35ug/lane).